

United States Patent [19]

Brooks et al.

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[54] DRUG DELIVERY ARTICLES UTILIZING ELECTRICAL ENERGY

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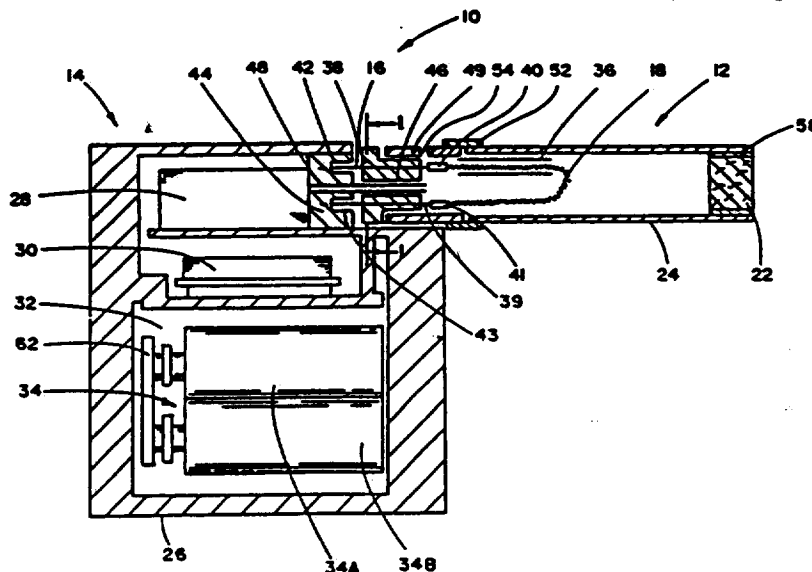
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[57] ABSTRACT

Drug delivery articles employ an electrical resistance heating element and an electrical power source to provide a dose of a drug in aerosol form. The articles advantageously comprise a disposable portion and a reusable controller. The disposable portion, normally includes a drug and an air permeable resistance heating element having a surface area greater than 1 m²/g, which usually carries an aerosol forming material. The reusable controller normally includes a puff-actuated current actuation means, a time-based current regulating means to control the temperature of the heating element, and a battery power supply.

136 Claims, 7 Drawing Sheets



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